

**5W**  
UHF CB

# VX-426

40 ch CB / 168 Ch Commercial Transceiver

COMMERCIAL  
**RADIO**



RECREATIONAL

COMMERCIAL

## Powerful, Easy To Use, Simply Designed and Flexible

The VX-426 has been built by Vertex Standard to meet the varied commercial radio needs of Australian industry, large and small. It's high performance, reliable and no nonsense design also makes it a competitor crushing option for the intelligent recreational and CB user.

## Easy to Use

The VX-426 uses a rotary dial for channel selection, more intuitive than buttons it can be easily accessed while the radio is clipped to a belt. Clear menu systems, plus on-screen function displays, guide the user. The 6 programmable function buttons can be set up for users by Vertex Standard dealers to simplify tasks further.

## Tough and Reliable

With an aluminum diecast chassis and highly durable plastics the VX-426 is purpose built and tested to perform in the most robust and challenging of work environments. The VX-426 meets key global standards (see panel top right) including a dust and water resistant rating to IP54 and durability to Military Standard 810 D/E/F.

## 168 Channel Capacity

The VX-426 is a 440-500MHz 40 channel UHF CB handheld, including 8 repeater channels. The VX-426 also has an extra 128 channels for commercial frequency programming, receive only. **Transmit on commercial frequencies requires a current licence.**

## Built In Voice Encryption

Scramble your voice to protect the privacy of your communication.

## Silent Mode CTCSS/DCS

Standby/quietening function to hear only the radios of your selected group. User selectable for CB users with a disable option for commercial users.



Visit  
[www.vxstd.com.au](http://www.vxstd.com.au)  
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mobile companion.

MIL-STD 810 D/E/F

**WATER + DUST**  
RESISTANT  
ALUMINIUM DIECAST CHASSIS

ISO9001 ISO14001 AS/NZS 4295  
CE IP54 N15723 AS/NZS 4365

**NO LICENCE REQUIRED\***

## Long Talk Times

13.5hrs operating time from our standard battery<sup>^</sup> and 15 hrs operating time from our optional Lithium-Ion battery<sup>†</sup>.

## Desk Top Rapid Charger Included

Vertex Standard packs a rapid desk top charger into the box with your radio.

## Multimode Scanning

Priority, Group and Open scanning modes are all supported by the VX-426. Combined with a scanning speed of 20 channels per second, the VX-426 is a formidable scanning tool.

## External Antenna Compatible

Plug the VX-426 into an external vehicle or base antenna for extended range.

(Optional antenna adaptor CN-3 required).



 **Vertex Standard**

\*For CB use. <sup>^</sup>Power save on w/FNB-V94. <sup>†</sup>Power save on w/FNB-V67LI.  
Specifications are subject to change without notice, E. & O.E.



When purchased through an authorised dealer

## A Name You Can Trust

Vertex Standard is a global leader servicing the likes of Wimbledon, the NYPD and the Russian Federal Security Organisation. Our suite of brands also includes Yaesu and Standard Horizon servicing the ham and marine radio markets respectively. Our Melbourne office has a flagship technical support lab headed by a factory trained technician with over 20 years of experience. We back all of our products sold through an authorized Vertex Standard Dealer with an unbeatable 3 Year warranty.

### More Outstanding Features

- > 8 Character Alphanumeric Display
- > Audible Low Battery Warning Beep
- > Selcall (Selective Calling) / 5-Tone Encode/Decode
- > ARTS™ Radio Proximity System
- > 5W power Selectable to 1W
- > DTMF ANI/DTMF Paging (Requires Optional FVP-25)
- > Voice Compander Included
- > Voice Storage (Optional DVS-5 Required)
- > BCLO, BTLO and TOT Functions
- > Powersave Function
- > PC Programmable
- > Lockable Keypad
- > Signal Alert Beep Function
- > Repeater Lockout Function
- > Radio Stun Function
- > Monitor Function
- > Talk Around Repeater Bypass System

### VX-426 Specifications

#### General

Frequency Range	440 MHz - 500 MHz
Number of Groups	CB + 8 private Group
Number of Channels	CB 40 Ch + 128 private Ch
PLL Stepping	5.0/6.25 kHz
Power Supply Voltage	7.5 V DC ± 15 %
Channel Spacing	25/12.5 kHz
Battery Life (Approx.)	10.7hrs (13.5hrs w/save) w/FNB-V94
Operating Temperature Range	-30°C - +60° C
Frequency Stability	±2.5 ppm
Dimension (W x H x D)	58 mm x 108.5 mm x 30 mm w/FNB-V94
Weight (Approx.)	360 g w/FNB-V94, Antenna and Belt clip

#### Receiver

Measured by TIA/EIA-603

Circuit Type	Double conversion Super-heterodyne
Sensitivity (12dB SINAD)	0.25µV
Adjacent Channel Selectivity	> 70 / 65dB
Intermodulation	> 70 dB
Spurious and Image Rejection	> 70 dB
Audio Output	500mW @ 4Ω, 5 % THD
Audio Distortion	< 3 % @ 1kHz

#### Transmitter (450 MHz - 490 MHz) Measured by TIA/EIA-603

Output Power	5.0 / 1.0 W (Selectable)
Modulation	16K0F3E, 11K0F3E
Maximum Deviation	±5.0 kHz/ ±2.5 kHz
Conducted Spurious Emission	70 dB below carrier
Audio Distortion	< 3 % @ 1 kHz
Microphone Impedance	2k Ohm condenser

Specification may be changed without notification.

### Accessories & Options

 MH-360S Speaker/Microphone	 MH-45B4B Noise Cancelling Speaker/Microphone	 MH-37A4B Earpiece/Microphone
 VC-25 VOX Headset	 FPV-35 Rolling Code Encryption Unit	 VAC-6000 6-Unit Multi Charger (Req. CA-26 x 6)
 VAC-810 Desktop Rapid Charger (for FNB-V67LJ)	 ATU-7D 12mm x 100mm Stubby Antenna	 CN-3 SMA-to-BNC Adapter
 FNB-V67LJ 7.4V 2000 mAh (15hr) Lithium-Ion Battery	 FBA-25A Alkaline Battery Case (6 x AA size)	 LCC-420 Leather Case
 VCM-1 Mobile Mounting Bracket for VAC-810	 VCM-3 Vehicular Charger Mounting Adapter for VAC-10	 CSC-420 Leather Case

- VMDE-200 MDC1200\*/GE-STAR® ANI Encoder/Decoder
- FVP-25 DTMF Pager Unit
- DVS-5 Digital Voice Storage Unit
- VME-100 MDC1200\*/GE-STAR® ANI Encoder
- CT-27A Radio to Radio Cloning Cable
- FNB-V57 7.4V 1100 mAh Ni-Cd Battery
- FIF-10 & CT-106 USB Programming Cable Combo
- CT-42 DB9 Programming Cable
- CE-91 RX Only Programming Software (RX & TX Combined Programming Software available on request for dealers).
- LBL-426 Button Function L Plate Sticker

### Standard Kit - In The Box

 VAC-10 Desk Top Rapid Charger	 FNB-V94 Battery (13.5hr) 7.4V 1800 mAh NI-MH Battery Pack
 ATU-6D Antenna	 Clip-17C Belt Clip



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